



TCH RANGE

TCH range is a highly flexible solution that offers incomparable design configurations and custom light solutions to your project needs. This range offers perfect continuous light lines without unpleasant shadow effects and comply with discomfort glare limits specified in the EN12464-1 for office lighting. This range features single luminaires or continuous lines solutions,

either direct or direct/indirect light application and can be used as recessed, recessed trimless, surface mounted or suspended. The TCH range is equipped with the latest LED technology to ensure uniform light, capable of providing performances up to 18372 lm and efficiency levels up to 93 lm/W. High uniform light is achieved through our diffusers, bLINE (opal)

or DAM (microprismatic) for high demanding work places, providing high efficiency and high glare control. The range is available with 4000K, 3000K or Tunable white technology and 1 or 3 hours emergency unit. DALI dimmable versions and horizontal/vertical light corners are also available.

RECESSED
TRIMLESS

RECESSED

SURFACE
MOUNTED



TCH / T LED
TCH / T LED Line



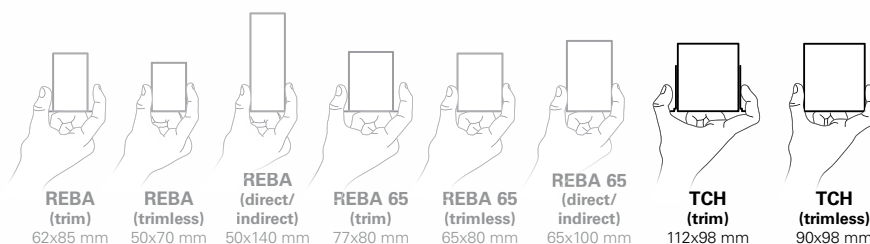
TCH / E LED
TCH / E LED Line



TCH LED
TCH LED Line



AVAILABLE RANGE:





CEILING ROSES
AVAILABLE



TCH /T LED
384



TCH /T LED Line
386



TCH /E LED
390



TCH /E LED Line
392



TCH LED
394



TCH LED Line
398



TCH D/I LED
402



TCH D/I LED Line
404

SUSPENDED
DIRECT

SUSPENDED
DIRECT / INDIRECT



TCH LED
TCH LED Line



TCH D/I LED
TCH D/I LED Line



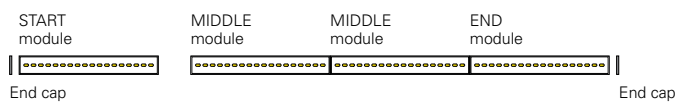


TCH RANGE

HOW TO
CREATE
YOUR LIGHT
CONCEPT

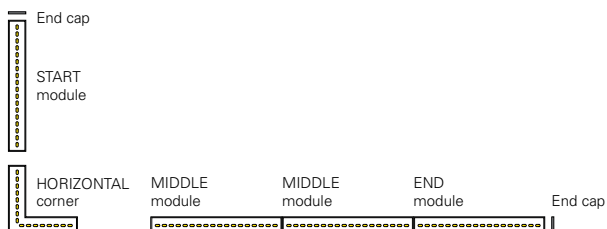
RECESSED
SURFACE MOUNTED
OR
SUSPENDED

1





2

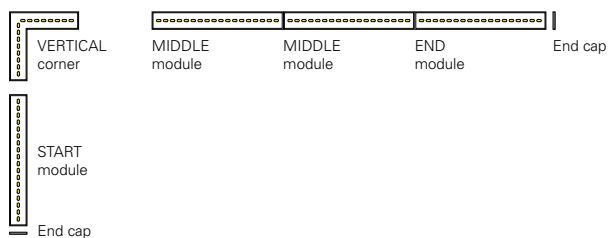


RECESSED



SURFACE MOUNTED / SUSPENDED

3



RECESSED



SURFACE MOUNTED / SUSPENDED





TCH /T LED

ALUMINIUM
PROFILE SYSTEMS

Noms

EN 60598-1, EN 60598-2-2



Body: Extruded aluminium profile.

Finish: Anodised in natural colour.

Fixing system: Trimless brackets.

Light source: LED 4000K, CRI>80.

LED life time: 50.000h @ L80, B10, Ta 25°C.

Control gear: LED driver 220-240VAC-50/60Hz.



bLINE™ - Opal polycarbonate diffuser

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)		Kg	K1 K3	HF	DALI
	≤22	30	3870	85	66	848x90x98	849x91	4,4	- -	9ZCZ.130.20.F4	9ZCZ.130.20.E4
	≤22	39	5160	87	66	1128x90x98	1129x91	5,1	• •	9ZCZ.140.20.F4	9ZCZ.140.20.E4
	≤25	47	6450	86	63	1408x90x98	1409x91	6,3	• •	9ZCZ.150.20.F4	9ZCZ.150.20.E4
	≤22	56	7740	91	66	1688x90x98	1689x91	8,8	• •	9ZCZ.160.20.F4	9ZCZ.160.20.E4
	--	64	9030	93	66	1970x90x98	1971x91	9,5	• •	9ZCZ.170.20.F4	9ZCZ.170.20.E4
	--	77	10320	87	65	2250x90x98	2251x91	10,2	• •	9ZCZ.180.20.F4	9ZCZ.180.20.E4
	--	86	11610	88	65	2530x90x98	2531x91	11,4	• •	9ZCZ.190.20.F4	9ZCZ.190.20.E4
	--	94	12900	86	63	2810x90x98	2811x91	12,6	• •	9ZCZ.100.20.F4	9ZCZ.100.20.E4

OPTIONS



Finish

White
Black

Order code
W
B



Colour temperature

3000K
Tunable White

Order code
3000
T000



Safety cable

Steel safety cable

Order code
955000



Emergency unit

Emergency unit 3 hours
Emergency unit 1 hour

Order code
K3
K1

- Test function by telecommand signal.



Low power version

Option supplied under request.

DETAILS

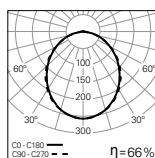


Clip-in diffuser system



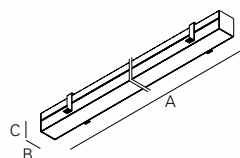
Trimless bracket

PHOTOMETRY



TCH /T LED 30W
bLINE 4000K

DIMENSIONS



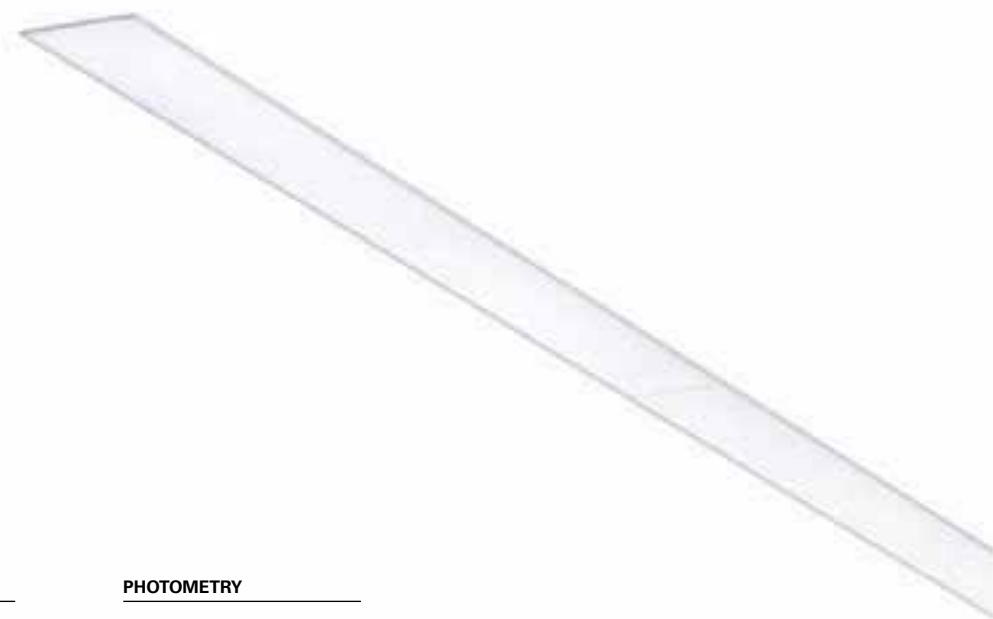
TO SPECIFY

Linear recessed trimless LED luminaire, individually mounted and 90 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE diffuser.

Standard version with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver, TunableWhite technology and 1 or 3 hours emergency unit. – as Roxo Lighting TCH /T LED.







OPTIONS (CONTINUE)



Emergency unit

Emergency unit 3 hours Order code K3
Emergency unit 1 hour K1

- Test function by telecommand signal.



Low power version

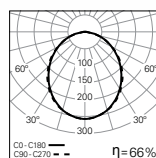
Option supplied under request.



Bespoke projects

Option supplied under request.

PHOTOMETRY



TCH / T LED Line 30W
bLINE 4000K

DETAILS



Clip-in diffuser system

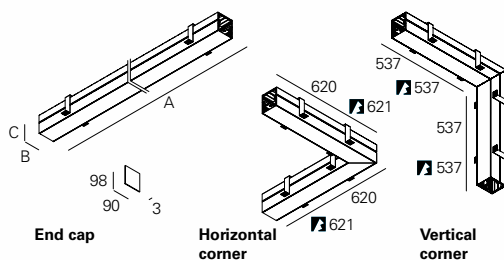


Trimless bracket



Body connector

DIMENSIONS



TO SPECIFY

Linear recessed trimless LED luminaire for continuous line and 90 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE diffuser. Standard version with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver, TunableWhite technology, connectors, light corners and 1 or 3 hours emergency unit. – as Roxo Lighting TCH / T LED Line.







TCH /E LED

ALUMINIUM
PROFILE SYSTEMS

Norms

EN 60598-1 , EN 60598-2-2



Body: Extruded aluminium profile.

Finish: Anodised in natural colour.

Fixing system: Brackets.

Light source: LED 4000K, CRI>80.

LED life time: 50.000h @ L80, B10, Ta 25°C.

Control gear: LED driver 220-240VAC-50/60Hz.



bLINE™ - Opal polycarbonate diffuser

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)		Kg	K1 K3	HF	DALI
≤22	30	3870	85	66	848x112x98	849x102	4,4	-	-	9Z7F.130.20.F4	9Z7F.130.20.E4
≤22	39	5160	87	66	1128x112x98	1129x102	5,1	•	•	9Z7F.140.20.F4	9Z7F.140.20.E4
≤25	47	6450	86	63	1408x112x98	1409x102	6,3	•	•	9Z7F.150.20.F4	9Z7F.150.20.E4
≤22	56	7740	91	66	1688x112x98	1689x102	8,8	•	•	9Z7F.160.20.F4	9Z7F.160.20.E4
--	64	9030	93	66	1970x112x98	1971x102	9,5	•	•	9Z7F.170.20.F4	9Z7F.170.20.E4
--	77	10320	87	65	2250x112x98	2251x102	10,2	•	•	9Z7F.180.20.F4	9Z7F.180.20.E4
--	86	11610	88	65	2530x112x98	2531x102	11,4	•	•	9Z7F.190.20.F4	9Z7F.190.20.E4
--	94	12900	87	63	2810x112x98	2811x102	12,6	•	•	9Z7F.100.20.F4	9Z7F.100.20.E4

OPTIONS



Finish

- ☐ White
☐ Black

Order code
W
B



Colour temperature

- 3000K
 Tunable White

Order code
3000
T000



Safety cable

Steel safety cable

Order code
955000



Emergency unit

- Emergency unit 3 hours
 Emergency unit 1 hour

Order code
K3
K1

- Test function by telecommand signal.



Low power version

Option supplied under request.

DETAILS

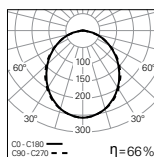


Clip-in diffuser system



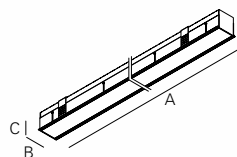
Bracket

PHOTOMETRY



TCH /E LED 30W
bLINE 4000K

DIMENSIONS



TO SPECIFY

Linear recessed LED luminaire, individually mounted and 112 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE diffuser. Standard version

with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver, TunableWhite technology and 1 or 3 hours emergency unit. – as Roxo Lighting TCH /E LED.





TCH /E LED Line

ALUMINIUM
PROFILE SYSTEMS

Norms

EN 60598-1 , EN 60598-2-2



Body: Extruded aluminium profile.

Finish: Anodised in natural colour.

Fixing system: Brackets.

Light source: LED 4000K, CRI>80.

LED life time: 50.000h @ L80, B10, Ta 25°C.

Control gear: LED driver 220-240VAC-50/60Hz.

Please note: Bespoke lighting projects on request.

bLINE™ - Opal polycarbonate diffuser (middle)

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	3	Kg	K1 K3	HF	DALI
≤22	30	3870	85	66	842x112x98	842x102	4,4	-	-	9Z7G.130.20.F4	9Z7G.130.20.E4
≤22	39	5160	87	66	1122x112x98	1122x102	5,1	•	•	9Z7G.140.20.F4	9Z7G.140.20.E4
≤25	47	6450	86	63	1402x112x98	1402x102	6,3	•	•	9Z7G.150.20.F4	9Z7G.150.20.E4
≤22	56	7740	91	66	1682x112x98	1682x102	8,8	•	•	9Z7G.160.20.F4	9Z7G.160.20.E4
--	64	9030	93	66	1964x112x98	1964x102	9,5	•	•	9Z7G.170.20.F4	9Z7G.170.20.E4
--	77	10320	87	65	2244x112x98	2244x102	10,2	•	•	9Z7G.180.20.F4	9Z7G.180.20.E4
--	86	11610	88	65	2524x112x98	2524x102	11,4	•	•	9Z7G.190.20.F4	9Z7G.190.20.E4
--	94	12900	86	63	2804x112x98	2804x102	12,6	•	•	9Z7G.100.20.F4	9Z7G.100.20.E4

Add suffix to order:

Start - 0000.000.00.00.0067 End - 0000.000.00.00.0070

- To complete a line, start kit will be necessary. Please order separately.
- Recessed dimensions without end caps, please add 6mm to complete cutting dimensions.

OPTIONS



Finish

- White
Black

Order code
W
B



Colour temperature

- 3000K
Tunable White

Order code
3000
T000



Start Kit

Start Kit - Start / End

Order code
920801

- Two end caps included.



Through-wiring

1,5mm ² through-wiring	Order code	2,5mm ² through-wiring	Order code
3 x 1,5 mm ²	9456	3 x 2,5 mm ²	9458
5 x 1,5 mm ²	9457	5 x 2,5 mm ²	9459
7 x 1,5 mm ²	9460	7 x 2,5 mm ²	9461
9 x 1,5 mm ²	9486	9 x 2,5 mm ²	9487



Connectors

KIT 7-pole WAGO
(male and female)

Connector 7-pole WAGO male
Connector 7-pole WAGO female

Order code
965200
965201
965202



Body connector Kit

Body connector Kit

Order code
930400

- 3 galvanised connectors, includes screws.



Light comers

Horizontal corner

39W HF

39W DALI

Vertical corner

39W HF

39W DALI

Order code

9Z7G.H10.20.F

9Z7G.H10.20.E

9Z7G.V10.20.F

9Z7G.V10.20.E

- LED light corner luminaire includes complete gear tray with non-Dimmable or DALI LED driver and bLINE polycarbonate diffuser.



Blank parts

1,5m length

3m length

Order code

992100

992101

- Includes empty aluminium body and blanking cover.



Safety cable

Steel safety cable

Order code
955000





OPTIONS (CONTINUE)



Emergency unit

Emergency unit 3 hours	Order code
Emergency unit 1 hour	K3
	K1

- Test function by telecommand signal.



Low power version

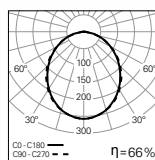
Option supplied under request.



Bespoke projects

Option supplied under request.

PHOTOMETRY



TCH /E LED Line 30W
bLINE 4000K

DETAILS



Clip-in diffuser system

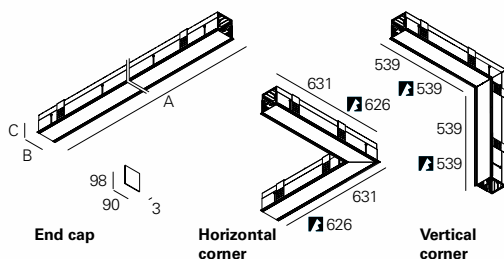


Bracket



Body connector

DIMENSIONS



TO SPECIFY

Linear recessed LED luminaire for continuous line and 112 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE diffuser. Standard version with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver, TunableWhite technology, connectors, light corners and 1 or 3 hours emergency unit. – as Roxo Lighting TCH /E LED Line.



TCH LED

ALUMINIUM
PROFILE SYSTEMS

Norms

EN 60598-1, EN 60598-2-1



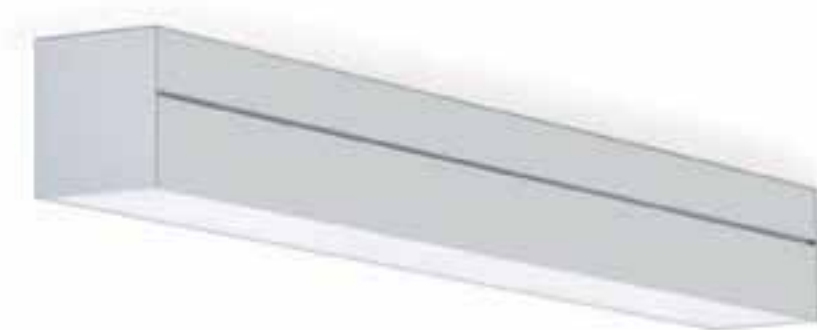
Body: Extruded aluminium profile.

Finish: Anodised in natural colour.

Light source: LED 4000K, CRI>80.

LED life time: 50.000h @ L80, B10, Ta 25°C.

Control gear: LED driver 220-240VAC-50/60Hz.



DAM - Microprismatic diffuser

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	K1 K3	HF	DALI
	≤19	30	3870	86	67	848x90x98	3,8	- -	9YCZ.130.6V.F4	9YCZ.130.6V.E4
	≤19	39	5160	86	65	1128x90x98	4,3	• •	9YCZ.140.6V.F4	9YCZ.140.6V.E4
	≤19	47	6450	86	63	1408x90x98	5,3	• •	9YCZ.150.6V.F4	9YCZ.150.6V.E4
	≤19	56	7740	93	67	1688x90x98	7,6	• •	9YCZ.160.6V.F4	9YCZ.160.6V.E4
	--	64	9030	93	66	1970x90x98	8,1	• •	9YCZ.170.6V.F4	9YCZ.170.6V.E4
	--	77	10320	87	65	2250x90x98	8,6	• •	9YCZ.180.6V.F4	9YCZ.180.6V.E4
	--	86	11610	86	64	2530x90x98	9,6	• •	9YCZ.190.6V.F4	9YCZ.190.6V.E4
	--	94	12900	86	63	2810x90x98	10,6	• •	9YCZ.100.6V.F4	9YCZ.100.6V.E4

bLINE™ - Opal polycarbonate diffuser

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	K1 K3	HF	DALI
	≤22	30	3870	85	66	848x90x98	3,8	- -	9YCZ.130.20.F4	9YCZ.130.20.E4
	≤22	39	5160	87	66	1128x90x98	4,3	• •	9YCZ.140.20.F4	9YCZ.140.20.E4
	≤25	47	6450	86	63	1408x90x98	5,3	• •	9YCZ.150.20.F4	9YCZ.150.20.E4
	≤22	56	7740	91	66	1688x90x98	7,6	• •	9YCZ.160.20.F4	9YCZ.160.20.E4
	--	64	9030	93	66	1970x90x98	8,1	• •	9YCZ.170.20.F4	9YCZ.170.20.E4
	--	77	10320	87	65	2250x90x98	8,6	• •	9YCZ.180.20.F4	9YCZ.180.20.E4
	--	86	11610	88	65	2530x90x98	9,6	• •	9YCZ.190.20.F4	9YCZ.190.20.E4
	--	94	12900	86	63	2810x90x98	10,6	• •	9YCZ.100.20.F4	9YCZ.100.20.E4

OPTIONS

	Finish	Order code
	☐ White ☐ Black	W B

	Colour temperature	Order code
	3000K Tunable White	3000 T000

	Ceiling rose	Order code
	Square ceiling rose Surface mounted Recessed	 9717 9714

• To complete this option, please add ceiling rose colour.

	Current supply cable	Order code
	1,5m transparent cable 0,75mm ² 3x0,75mm ² 940400 5x0,75mm ² 940500	1,5m transparent cable 1,5mm ² 3x1,5mm ² 940300 5x1,5mm ² 940000 7x1,5mm ² 940100 9x1,5mm ² 941200

	Suspension	Order code
	Suspension type "I" (x2)	910501

	Emergency unit	Order code
	Emergency unit 3 hours Emergency unit 1 hour	 K3 K1

	Low power version	
	Option supplied under request.	



DETAILS

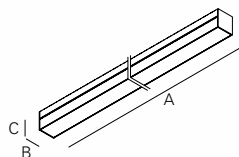


Clip-in diffuser system

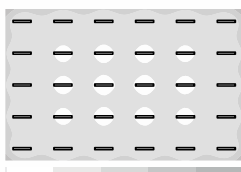


Suspended version

DIMENSIONS



PERFORMANCE



Lux 560 490 420 350

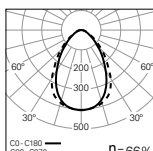
TCH LED DAM

LED: 39W
DIMENSIONS: 15m x 10m
HEIGHT: 3,5m
MAINTENANCE: 0,8
REFLECTANCE: 70/50/20
WORKING PLACE: 0,8m
ILLUMINANCE E_m : 500 lux
UGR: ≤ 19

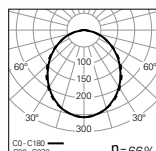
TO SPECIFY

Linear surface or suspended LED luminaire, individually mounted and 90 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE or DAM diffuser. Standard version with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver, TunableWhite technology and 1 or 3 hours emergency unit. Suspension kit, current supply cable and ceiling rose as accessories. – as Roxo Lighting TCH LED.

PHOTOMETRY



TCH LED 30W
DAM 4000K



TCH LED 30W
bLINE 4000K







TCH LED Line

ALUMINIUM
PROFILE SYSTEMS

Norms

EN 60598-1, EN 60598-2-1



Body: Extruded aluminium profile.

Finish: Anodised in natural colour.

Light source: LED 4000K, CRI>80.

LED life time: 50.000h @ L80, B10, Ta 25°C.

Control gear: LED driver 220-240VAC-50/60Hz.

Please note: Bespoke lighting projects on request.



bLINE™ - Opal polycarbonate diffuser (middle)

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	K1 K3	HF	DALI
≤22	30	3870	85	66	842x90x98	3,8	-	-	905G.130.20.F4	905G.130.20.E4
≤22	39	5160	87	66	1122x90x98	4,3	•	•	905G.140.20.F4	905G.140.20.E4
≤25	47	6450	86	63	1402x90x98	5,3	•	•	905G.150.20.F4	905G.150.20.E4
≤22	56	7740	91	66	1682x90x98	7,6	•	•	905G.160.20.F4	905G.160.20.E4
--	64	9030	93	66	1964x90x98	8,1	•	•	905G.170.20.F4	905G.170.20.E4
--	77	10320	87	65	2244x90x98	8,6	•	•	905G.180.20.F4	905G.180.20.E4
--	86	11610	88	65	2524x90x98	9,6	•	•	905G.190.20.F4	905G.190.20.E4
--	94	12900	86	63	2804x90x98	10,6	•	•	905G.100.20.F4	905G.100.20.E4

Add suffix to order:

Start - 0000.000.00.00.0067 End - 0000.000.00.00.0070

- To complete a line, start kit will be necessary. Please order separately.
- Dimensions without end caps, please add 6mm to complete the line.

OPTIONS



Finish

- White
- Black

Order code
W
B



Colour temperature

- 3000K
- Tunable White

Order code
3000
T000



Start Kit

Start Kit - Start / End

Order code
920801

- Two end caps included.



Through-wiring

Order code	Order code
1,5mm² through-wiring	2,5mm² through-wiring
3 x 1,5 mm² 9456	3 x 2,5 mm² 9458
5 x 1,5 mm² 9457	5 x 2,5 mm² 9459
7 x 1,5 mm² 9460	7 x 2,5 mm² 9461
9 x 1,5 mm² 9486	9 x 2,5 mm² 9487



Connectors

KIT 7-pole WAGO (male and female) 965200
Connector 7-pole WAGO male 965201
Connector 7-pole WAGO female 965202



Body connector Kit

Body connector Kit 930400

- 3 galvanised connectors, includes screws.



Light corners

Horizontal corner 39W HF 905G.H10.20.F
39W DALI 905G.H10.20.E
Vertical corner 39W HF 905G.V10.20.F
39W DALI 905G.V10.20.E

- LED light corner luminaire includes complete gear tray with non-Dimmable or DALI LED driver and bLINE polycarbonate diffuser.



Ceiling rose

Square ceiling rose Surface mounted 9717
Recessed 9714

- To complete this option, please add ceiling rose colour.



OPTIONS (CONTINUE)



Current supply cable

Order code	Order code
1,5m transparent cable 0,75mm ²	1,5m transparent cable 1,5mm ²
3x0,75mm ² 940400	3x1,5mm ² 940300
5x0,75mm ² 940500	5x1,5mm ² 940000
	7x1,5mm ² 940100
	9x1,5mm ² 941200



Blank parts

Order code
1,5m length 991200
3m length 991201

- Includes empty aluminium body and blanking cover.



Low power

Low power version

Option supplied under request.



Suspension

Order code
Suspension type "I" (x2) 910501
Suspension type "I" (x1) 910500



Emergency unit

Order code
Emergency unit 3 hours K3
Emergency unit 1 hour K1

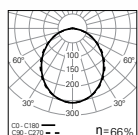
- Test function by telecommand signal.



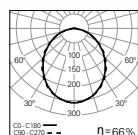
Bespoke projects

Option supplied under request.

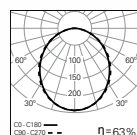
PHOTOMETRY



TCH LED Line 30W
bLINE 4000K



TCH LED Line 39W
bLINE 4000K



TCH LED Line 47W
bLINE 4000K

DETAILS



Clip-in diffuser
system

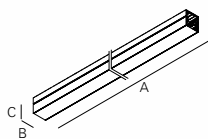


Suspended version

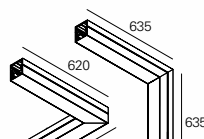


Body connector

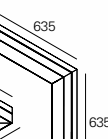
DIMENSIONS



End cap



Horizontal
corner



Vertical
corner

TO SPECIFY

Linear surface or suspended LED luminaire for continuous line and 90 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE diffuser. Standard version with 4000K, CRI>80 and 50.000h lifetime

(@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver, TunableWhite technology, connectors, light corners and 1 or 3 hours emergency unit. Suspension kit, current supply cable and ceiling rose as accessories. – as Roxo Lighting TCH LED Line.









TCH D/I LED

ALUMINIUM
PROFILE SYSTEMS

Norms

EN 60598-1, EN 60598-2-1



Body: Extruded aluminium profile.

Finish: Anodised in natural colour.

Light source: LED 4000K, CRI>80.

LED life time: 50.000h @ L80, B10, Ta 25°C.

Control gear: LED driver 220-240VAC-50/60Hz.



DAM - Microprismatic diffuser | 80% (Direct) + 20% (Indirect)

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤19	54	7212	88	66	1128x90x98	5,4	9Y7H.140.6V.F4	9Y7H.140.6V.E4
	≤19	67	9186	90	66	1408x90x98	6,6	9Y7H.150.6V.F4	9Y7H.150.6V.E4
	≤19	80	11160	93	67	1688x90x98	7,8	9Y7H.160.6V.F4	9Y7H.160.6V.E4
	-	108	14424	88	66	2250x90x98	10,3	9Y7H.180.6V.F4	9Y7H.180.6V.E4
	-	121	16398	89	66	2530x90x98	11,5	9Y7H.190.6V.F4	9Y7H.190.6V.E4
	-	134	18372	91	66	2810x90x98	12,6	9Y7H.100.6V.F4	9Y7H.100.6V.E4

bLINE™ - Opal polycarbonate diffuser | 80% (Direct) + 20% (Indirect)

LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤22	54	7212	85	64	1128x90x98	5,4	9Y7H.140.20.F4	9Y7H.140.20.E4
	≤22	67	9186	88	64	1408x90x98	6,6	9Y7H.150.20.F4	9Y7H.150.20.E4
	≤22	80	11160	91	65	1688x90x98	7,8	9Y7H.160.20.F4	9Y7H.160.20.E4
	-	108	14424	86	64	2250x90x98	10,3	9Y7H.180.20.F4	9Y7H.180.20.E4
	-	121	16398	87	64	2530x90x98	11,5	9Y7H.190.20.F4	9Y7H.190.20.E4
	-	134	18372	88	64	2810x90x98	12,6	9Y7H.100.20.F4	9Y7H.100.20.E4

DAM | bLINE™:

- To complete the product add suspension, current supply cable and ceiling rose. Please order separately.

OPTIONS



Finish

- White
- Black

Order code
W
B



Colour temperature

- 3000K
- Tunable White

Order code
3000
T000



Ceiling rose

- Square ceiling rose
- Surface mounted
- Recessed

Order code
9717
9714

- To complete this option, please add ceiling rose colour.



Current supply cable

Order code	Order code
1,5m transparent cable 0,75mm ²	1,5m transparent cable 1,5mm ²
3x0,75mm ² 940400	3x1,5mm ² 940300
5x0,75mm ² 940500	5x1,5mm ² 940000



Suspension

- Suspension type "I" (x2)

Order code
910501



Low power version

- Option supplied under request.

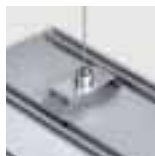




DETAILS

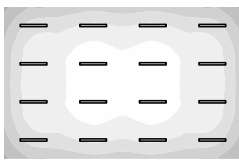


Clip-in diffuser system



Suspension detail system

PERFORMANCE

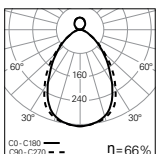


Lux 560 490 420 350 280

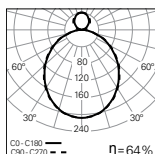
TCH D/I LED DAM

LED: 80W
DIMENSIONS: 15,5m x 10m
HEIGHT: 5m
MAINTENANCE: 0,8
REFLECTANCE: 70/50/20
WORKING PLACE: 0,8m
ILLUMINANCE E_m : 496 lux
UGR: ≤ 19

PHOTOMETRY

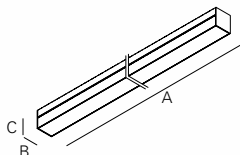


TCH D/I LED 54W
DAM 4000K



TCH D/I LED 54W
bLINE 4000K

DIMENSIONS



TO SPECIFY

Linear direct/indirect suspended LED luminaire, individually mounted and 90 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE or DAM diffuser. Standard version with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver and TunableWhite technology. Suspension kit, current supply cable and ceiling rose as accessories. – as Roxo Lighting TCH D/I LED.



TCH D/I LED Line

ALUMINIUM
PROFILE SYSTEMS

Norms

EN 60598-1, EN 60598-2-1



Body: Extruded aluminium profile.

Finish: Anodised in natural colour.

Light source: LED 4000K, CRI>80.

LED life time: 50.000h @ L80, B10, Ta 25°C.

Control gear: LED driver 220-240VAC-50/60Hz.

Please note: Bespoke lighting projects on request.



bLINE™ - Opal polycarbonate diffuser (middle) | 80% (Direct) + 20% (Indirect)

	LED	UGR	W	Lm	Lm/W	η(%)	AxBxC (mm)	Kg	HF	DALI
	≤22	54	7212	85	64	1122x90x98	4,9	9Y7L.140.20.F4	9Y7L.140.20.E4	
	≤22	67	9186	88	64	1402x90x98	6,1	9Y7L.150.20.F4	9Y7L.150.20.E4	
	≤22	80	11160	91	65	1682x90x98	7,3	9Y7L.160.20.F4	9Y7L.160.20.E4	
	-	108	14424	86	64	2244x90x98	9,8	9Y7L.180.20.F4	9Y7L.180.20.E4	
	-	121	16398	87	64	2524x90x98	11,0	9Y7L.190.20.F4	9Y7L.190.20.E4	
	-	134	18372	88	64	2804x90x98	12,1	9Y7L.100.20.F4	9Y7L.100.20.E4	

Add suffix to order:

Start - 0000.000.00.00.0067 End - 0000.000.00.00.0070

- To complete the product add suspension, current supply cable and ceiling rose. Please order separately.
- To complete a line, start kit will be necessary. Please order separately.
- Dimensions without end caps, please add 6mm to complete the line.

OPTIONS



Finish

- ☐ White
☐ Black

Order code
W
B



Colour temperature

- 3000K
Tunable White

Order code
3000
T000



Start Kit

Start Kit - Start / End

Order code
920801

- Two end caps included.



Through-wiring

Order code	Order code
1,5mm ² through-wiring	2,5mm ² through-wiring
3 x 1,5 mm ² 9456	3 x 2,5 mm ² 9458
5 x 1,5 mm ² 9457	5 x 2,5 mm ² 9459



Connectors

KIT 7-pole WAGO (male and female) 965200
Connector 7-pole WAGO male 965201
Connector 7-pole WAGO female 965202



Body connector Kit

Body connector Kit 930400

- 3 galvanised connectors, includes screws.



Ceiling rose

Square ceiling rose 9717
Surface mounted 9717
Recessed 9714

- To complete this option, please add ceiling rose colour.



Current supply cable

Order code	Order code
1,5m transparent cable 0,75mm ²	1,5m transparent cable 1,5mm ²
3x0,75mm ² 940400	3x1,5mm ² 940300
5x0,75mm ² 940500	5x1,5mm ² 940000



Suspension

Suspension type "I" (x2) 910501
Suspension type "I" (x1) 910500



Blank parts

1,5m length 991200
3m length 991201

- Includes empty aluminium



OPTIONS (CONTINUE)



Low power version

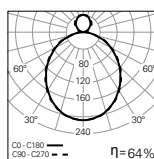
Option supplied under request.



Bespoke projects

Option supplied under request.

PHOTOMETRY



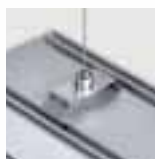
$\eta = 64\%$

**TCH D/I LED Line 54W
bLINE 4000K**

DETAILS



Clip-in diffuser system



Suspension detail

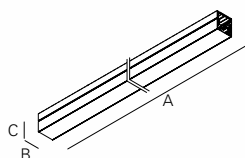


Body connector

TO SPECIFY

Linear direct/indirect suspended LED luminaire for continuous line and 90 mm width. Extruded aluminium profile, anodised in natural colour. Aluminium end caps without visible screws and polycarbonate bLINE diffuser. Standard version with 4000K, CRI>80 and 50.000h lifetime (@L80, B10, Ta 25°C). Optional 3000K, DALI dimmable driver, TunableWhite technology and connectors. Suspension kit, current supply cable and ceiling rose as accessories. – as Roxo Lighting TCH D/I LED Line.

DIMENSIONS



End cap 98 | 90 | 3





